

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081518\
 Data File : VU026135.D
 Acq On : 15 Aug 2018 10:23
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV65

Quant Time: Aug 16 02:19:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:19:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	325381	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	304023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	158887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94322	49.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.74%
7) Chloroethane-d5	1.67	69	76835	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.84%
11) 1,1-Dichloroethene-d2	2.27	63	180095	48.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.00%
21) 2-Butanone-d5	4.18	46	143857	98.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.13%
24) Chloroform-d	4.65	84	206868	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
26) 1,2-Dichloroethane-d4	5.31	65	132217	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
32) Benzene-d6	5.34	84	400359	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
36) 1,2-Dichloropropane-d6	6.33	67	126930	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.57	98	383417	51.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.85	79	63848	52.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.66%
47) 2-Hexanone-d5	8.31	63	109364	103.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.59%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	178462	49.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	160849	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	126834	49.23	ug/L	100
3) Chloromethane	1.33	50	116452	49.64	ug/L	100
5) Vinyl chloride	1.40	62	114946	49.07	ug/L	100
6) Bromomethane	1.62	94	67683	56.08	ug/L	99
8) Chloroethane	1.69	64	68558	48.88	ug/L	98
9) Trichlorofluoromethane	1.89	101	166161	48.04	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	93034	49.65	ug/L	99
12) 1,1-Dichloroethene	2.28	96	82234	47.82	ug/L	92
13) Acetone	2.32	43	125303	93.39	ug/L	98
14) Carbon disulfide	2.48	76	292669	49.08	ug/L	99
15) Methyl Acetate	2.61	43	110408	47.44	ug/L	98
16) Methylene chloride	2.70	84	110968	48.17	ug/L	96
17) trans-1,2-Dichloroethene	2.98	96	100524	49.28	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	325291	50.24	ug/L	98
19) 1,1-Dichloroethane	3.45	63	187787	47.82	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	111639	48.81	ug/L	97
22) 2-Butanone	4.26	43	164452	98.39	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	60610	49.03	ug/L	99
25) Chloroform	4.67	83	198745	48.21	ug/L	99
27) 1,2-Dichloroethane	5.41	62	159122	47.74	ug/L	100
29) Cyclohexane	5.00	56	161928	53.30	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	180604	49.72	ug/L	99
31) Carbon tetrachloride	5.14	117	163092	49.56	ug/L	99
33) Benzene	5.39	78	417468	50.71	ug/L	100
34) Trichloroethene	6.19	95	108666	50.67	ug/L	97
35) Methylcyclohexane	6.42	83	171768	53.36	ug/L	99
37) 1,2-Dichloropropane	6.44	63	114941	49.99	ug/L	100
38) Bromodichloromethane	6.76	83	151337	49.72	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	174039	50.99	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	286332	100.40	ug/L	99
42) Toluene	7.64	91	453454	51.87	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	170222	51.76	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	108720	49.87	ug/L	97
46) Tetrachloroethene	8.23	164	95202	51.47	ug/L	100
48) 2-Hexanone	8.36	43	225041	100.71	ug/L	98
49) Dibromochloromethane	8.48	129	133591	50.88	ug/L	98
50) 1,2-Dibromoethane	8.59	107	114699	50.67	ug/L	100
51) Chlorobenzene	9.12	112	302651	50.65	ug/L	99
52) Ethylbenzene	9.25	91	497125	52.20	ug/L	100
53) m,p-Xylene	9.38	106	195535	53.28	ug/L	100
54) o-xylene	9.78	106	191113	52.19	ug/L	98
55) Styrene	9.80	104	324221	53.17	ug/L	98
56) Isopropylbenzene	10.17	105	506761	53.90	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	179260	49.24	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	140582	49.64	ug/L	99
61) Bromoform	9.96	173	99479	47.89	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	237801	49.94	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	245185	49.93	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	257036	50.51	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	38693	47.96	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	185558	52.77	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	150025	56.32	ug/L	99
69) Naphthalene	13.75	128	456659	60.24	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	161523	56.55	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

